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Planning

Atomistic Modelling of Detritiation of Tungsten

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-015988

Procurement identifier (OCID): ocds-h6vhtk-034519

Published 10 June 2022, 12:11pm

Section I: Contracting authority

I.1) Name and addresses

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

Contact

Jim McGough

Email

jim.mcgough@ukaea.uk

Telephone

+44 1235467082

Country

United Kingdom

NUTS code

UK - United Kingdom

National registration number

N/A

Internet address(es)

Main address

<http://www.gov.uk/government/organisations/uk-atomic-energy-authority>

Buyer's address

<https://uk.eu-supply.com/ctm/Company/CompanyInformation/Index/72814>

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=48006&B=UK

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Fusion Research

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Atomistic Modelling of Detritiation of Tungsten

Reference number

T/JM099/22

II.1.2) Main CPV code

- 73300000 - Design and execution of research and development

II.1.3) Type of contract

Services

II.1.4) Short description

Detritiation of tungsten is a high priority topic where atomistic modelling can provide unique insights and materials property information of practical engineering value. To this end, the UKAEA proposes a modelling effort with a focus on the role of surface oxidation in the detritiation of tungsten tiles following fusion reactor service, including eventualities of accidental exposure to oxygen during service.

Two phases of this project are envisaged.

II.1.5) Estimated total value

Value excluding VAT: £100,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 73220000 - Development consultancy services
- 73300000 - Design and execution of research and development

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Detritiation of tungsten is a high priority topic where atomistic modelling can provide unique insights and materials property information of practical engineering value. To this end, the UKAEA proposes a modelling effort with a focus on the role of surface oxidation in the detritiation of tungsten tiles following fusion reactor service, including eventualities of accidental exposure to oxygen during service.

Two phases of this project are envisaged.

II.3) Estimated date of publication of contract notice

11 September 2022

Section IV. Procedure

IV.1) Description

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: No